ABSTRACT

A mouse incorporating a camera captures an image of embedded data from a substrate under the mouse. The embedded data in the image is decoded to determine address or location information coded in the embedded data. Based on the decoded information and other user input signals, such as mouse button selection signals, the computer executes operations. The mouse also has a display controlled by the computer for providing visual feedback to a user. The display might generate an image of the substrate area under the mouse, making it appear to the user as if they are looking through the mouse directly onto the substrate. The display may also generate visual feedback regarding operations occurring in the computer, such as selection or other computer operations.

LAW OFFICES
FINNEGAN, HENDERSON,
FARABOW, GARRETT,
& DUNNER, L.L.P.
1300 I STREET, N. W.
WASHINGTON, DC 20005
202-408-4000